

PTO/SB/97 (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

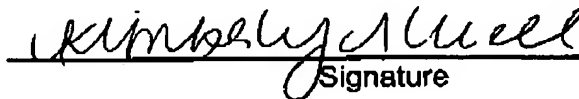
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile
transmitted to the United States Patent and Trademark Office

on July 25, 2005.

Date


Signature

Kimberly A. Newell

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this
certificate must identify each submitted paper.

Transmittal Form

Response Under 37 C.F.R. 1.116 (12 pages)

Certificate of Fax Transmittal

Attorney Docket No.: 130014/11922 (21635-0117)

Application No.: 10/735,369

Filed: December 12, 2003

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



McNees Wallace & Nurick LLC
attorneys at law

RECEIVED
CENTRAL FAX CENTER

JUL 25 2005

Routing #393
Client #21635-0117

FAX COVER LETTER

DATE: July 25, 2005

PLEASE DELIVER THE FOLLOWING PAGES:

TO: Mail Stop AF FAX: (703) 872-9306
Examiner: BAREFORD, KATHERINE A.
Art Unit: 1762

FROM: Shawn K. Leppo Direct Dial: (717) 237-5218

TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER: 15

MESSAGE:

Please acknowledge receipt of documents.

Transmittal Form
Certificate of Fax Transmittal
Response Under 37 C.F.R. 1.116 (12 pages)

Attorney Docket No.: 130014/11922 (21635-0117)
Application No.: 10/735,369
Filed: December 12, 2003

FAX NUMBER: (717) 237-5300

PARALEGAL RESPONSIBLE: Kimberly A. Newell TELEPHONE: (717) 237-5239

*******CONFIDENTIALITY NOTE*******

The information and documents accompanying this transmission contain information from the law firm of McNees Wallace & Nurick LLC which is confidential and/or legally privileged. The information is intended solely for the use of the individual or entity named on this transmission sheet. If you are not the designated recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this information is prohibited.

If you have received this transmission in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you and with reimbursement for cost you may have incurred in responding to this notification.

JUL 25 2005

PTO/SB/21 (02-04)

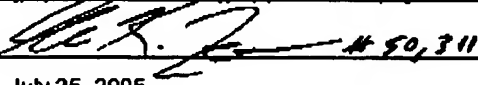
Approved for use through 07/31/2008. OMB 0851-0031


U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/735,369
		Filing Date	December 12, 2003
		First Named Inventor	ACKERMAN et al.
		Art Unit	1762
		Examiner Name	BAREFORD, KATHERINE A.
Total Number of Pages in This Submission	15	Attorney Docket Number	130014/11922 (21635-0117)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Fax Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McNees Wallace & Nurick LLC Shawn K. Leppo, Attorney Reg. No. 50,311
Signature	 # 50,311
Date	July 25, 2005

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Kimberly A. Newell		
Signature		Date	July 25, 2005

This collection of information is required by 37 CFR 1.5. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: 130014/11922 (21635-0117)
Application No.: 10/753,369

RECEIVED
CENTRAL FAX CENTER

JUL 25 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ACKERMAN, et al. :
: :
Application No.: 10/753,369 : Group Art Unit: 1762
: :
Filed: December 12, 2003 : Examiner: Katherine A. BAREFORD
: :

For: ARTICLE PROTECTED BY A THERMAL BARRIER COATING HAVING A GROUP
2 OR 3/GROUP 5 STABILIZATION-COMPOSITION-ENRICHED SURFACE

RESPONSE UNDER 37 C.F.R. 1.116

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please consider the following Response for the above-referenced Application.

INTRODUCTORY COMMENTS

This Response is filed in response to the Final Office Action dated June 28, 2005.

The Amendments to the Specification: None.

The **Amendments to the Claims** section begins on page 2 of this Response and any amendments to the claims are reflected in the listing of the claims included therein.

The Amendments to the Drawings: None.

The **Remarks/Arguments** section begins on page 6 of this Response.

The **Conclusion** section begins on page 12 of this Response.